

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number
WO 2005/080425 A2

(51) International Patent Classification⁷: C07K 14/705

(21) International Application Number:
PCT/GB2005/000514

(22) International Filing Date: 14 February 2005 (14.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0403142.3 12 February 2004 (12.02.2004) GB

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: LEUCINE RICH REPEAT CONTAINING PROTEIN

Alignment of INSP179-EC and INSP179-EC-SV1 nucleotide sequences

179EC-SV1 INSP179EC	ATGAAAACCTCTATTTCAGACTCANTTACCATAGTTATAAGCTTTTATTACTGGAAATA ATGAAAAACCTCTATTTCAGACTCANTTACCATAGTTATAAGCTTTTATTACTGGAAATA
179EC-SV1 INSP179EC	ATGACAAATTGCTCAAGAAAAAGCCTATTTCAGTTCTCACTTGAACTGGAAATGAA ATGACAAATTGCTCAAGAAAAAGCCTATTTCAGTTCTCACTTGAACTGGAAATGAA
179EC-SV1 INSP179EC	TATATTCTGACAAATTGCTCTTTTACCGGAAAGGTGTGATATACCTGTGGACATATCACAG TATATTCTGACAAATTGCTCTTTTACCGGAAAGGTGTGATATACCTGTGGACATATCACAG
179EC-SV1 INSP179EC	ACAGCAGCCACTGTGGATGTTATTTCAGTTCTTACAGTTCTTACAGTTCTCACACCG ACAGCAGCCACTGTGGATGTTATTTCAGTTCTTACAGTTCTTACAGTTCTCACACCG
179EC-SV1 INSP179EC	AAAAAGAAAGCTGGAAAAAAACATCTGGACCTCTAGTACACATCTCATATCAAATA AAAAAGAAAGCTGGAAAAAAACATCTGGACCTCTAGTACACATCTCATATCAAATA
179EC-SV1 INSP179EC	ACCTTAAGCCCTTTCGCTATTTCAGAACTGCTTAACCTCGACAAACATGCC ACCTTAAGCCCTTTCGCTATTTCAGAACTGCTTAACCTCGACAAACATGCC
179EC-SV1 INSP179EC	ATCCACTCCCTCATTTGGACTACTCTGCTTACGTTCTCATGGGTGAAACGCCACAGA ATCCACTCCCTCATTTGGACTACTCTGCTTACGTTCTCATGGGTGAAACGCCACAGA
179EC-SV1 INSP179EC	AGCAGCTTCAGAACACGGTTCCATTGCTGAAGGTGCTCATCTTCAGAAGTAATRACTC AGCAGCTTCAGAACACGGTTCCATTGCTGAAGGTGCTCATCTTCAGAAGTAATRACTC
179EC-SV1 INSP179EC	AGTGACACTCCAAAGGG AGTGACACTCCAAAGGGACTGTGAAACTGAAGTCAATTGCGAGAGTTGGATCTGTCAATTG AGTGACACTCCAAAGGGACTGTGAAACTGAAGTCAATTGCGAGAGTTGGATCTGTCAATTG
179EC-SV1 INSP179EC	ATGGGATATTGCAAAATAGGGTGGCTGATTTCACAACCTGCCIGCAACTGGAGAAATCTC ATGGGATATTGCAAAATAGGGTGGCTGATTTCACAACCTGCCIGCAACTGGAGAAATCTC
179EC-SV1 INSP179EC	TGTTTAAAGACCAACAGATATTCAAAATTCCCCACACGCCCTAACGCCACTCAAAAAA TGTTTAAAGACCAACAGATATTCAAAATTCCCCACACGCCCTAACGCCACTCAAAAAA
179EC-SV1 INSP179EC	TTACAGGTCTAGACCTTAGCAACATGCTCTGATTACCATCCTACCAATGATGATCATA TTACAGGTCTAGACCTTAGCAACATGCTCTGATTACCATCCTACCAATGATGATCATA
179EC-SV1 INSP179EC	GCTCTAGAAATTCCCCACCTAGTGGTTGACTGGCTGATAATAACTGGCAGTGTGATGAT GCTCTAGAAATTCCCCACCTAGTGGTTGACTGGCTGATAATAACTGGCAGTGTGATGAT
179EC-SV1 INSP179EC	AGTGTGGCAGCTTTCAAAATTTTATTCTGAATCTCGAGGAAAAGTGGATGTCTT AGTGTGGCAGCTTTCAAAATTTTATTCTGAATCTCGAGGAAAAGTGGATGTCTT
179EC-SV1 INSP179EC	-----GAGTGGAGGAGGCCAACGGGGCCTCCCAAGAGCAGGATTCC TGCAACAGGTCTATAGGGAGTGAGGAGGCCAACGGGGCCTCCCAAGAGCAGGATTCC
179EC-SV1 INSP179EC	AGGGAAACCGCCCTCCCTCCATTCTCATGCTCGCATGAAAAGCTCTAGGAGCAAA AGGGAAACCGCCCTCCCTCCATTCTCATGCTCGCATGAAAAGCTCTAGGAGCAAA
179EC-SV1 INSP179EC	GCGAGAGGGCCCGGGAGGARCGCAACGGGGCATTTCTCTCTGGGAGAAGGCAAG GCGAGAGGGCCCGGGAGGARCGCAACGGGGCATTTCTCTCTGGGAGAAGGCAAG
179EC-SV1 INSP179EC	GCGGGCTCTGGCTCAGGAAAGACAGAGCCTGCCAAGGAGCTGTAGAGACCCGC GCGGGCTCTGGCTCAGGAAAGACAGAGCCTGCCAAGGAGCTGTAGAGACCCGC
179EC-SV1 INSP179EC	GATGTGCAG GATGTGCAG

(57) Abstract: This invention relates to the novel protein, termed INSP (179), herein identified as a secreted protein, in particular as a member of the leucine rich repeat containing protein family and to the use of this protein and nucleic acid sequences from the encoding gene in the diagnosis, prevention and treatment of disease.

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(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

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